

Atlantic Richfield Company

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/QGD^L 'HMPKOPEDXOW^L ± L 8[◀] 6[◀] L (3\$^L 5HJLRQL L
OD\ L ☀ L ± !! ¶ → L
3DJH^L ± L RI^L ↑ L

x^L 2Q^L \$SULO^L ¶ ± ☀ L ± !! ¶ → L \$MODOQWLFL 5LFKILHOG^L SURYLGHGL 8[◀] 6[◀] L (3\$^L DQ^L HPDLO^L FRPSDULQJ L
WKH^L VSULQJ^L RI^L ± !! ¶ → L IRU^L LQIOXHQW^L IORZ^L UDWHM^L DQG^L KRZ^L WKLV^L DI IHFWHG^L HI IOXHQW^L ZDWH^L
x^L 3URSDQH^L ZDVL GHOLYHUHG^L WR^L WKH^L \$8%^L 7UHDAPHQW^L 6\WHP^L RQ^L \$SULO^L ± → ☀ L ± !! ¶ → ◀ L
x^L 2Q^L \$SULO^L ± ☀ L ± !! ¶ → L \$MODOQWLFL 5LFKILHOG^L SURYLGHGL DQ^L XSGDWHL RQ^L VIWH^L DFALYIWLHV^L D
VFKHGCH^L IRU^L XSFRPLQJ^L WDMMV^L DW^L WKH^L \$8%^L 7UHDAPHQW^L 6\WHP^L L
x^L 2Q^L \$SULO^L ± ← ☀ L ± !! ¶ → ☀ L ODUWHUL LQWHUDOL GLDPHWHL WKELQJ^L ZDVL LQWDOOHL RQ^L WKH^L
1D2+^L GRVLQJ^L FDSDDELQWLHV^L LQ^L UHMSRQH^L WR^L WKH^L LQFHDMHG^L LQIOXHQW^L IORZ^L UDWH^L L
L
&8' L DQG^L '6^L
x^L 2Q^L ODUFK^L ± → ☀ L ± !! ¶ → ☀ L \$MODOQWLFL 5LFKILHOG^L VXEPLWHLG^L DL CHWHL^L WR^L WKH^L 8[◀] 6[◀] L
5LFKILHOG^L SODQVL IRU^L DFFHW^L FRPPLWLRQ^L DQG^L WDUWSL RI^L WKH^L +'6^L 7UHDAPHQW^L 6\W
IRU^L DXWKRUL]DALRQ^L WR^L SHUIRUP^L ZDWHU^L WUHDAPHQW^L GAULQJ^L WKH^L ± !! ¶ → L 6SULQJ^L 3RUWLRQ^L RI^L L
6HDVRQ^L ♂ /\$6 ▲ L L 2Q^L \$SULO^L → ☀ L ± !! ¶ → ☀ L WKH^L 8[◀] 6[◀] L (3\$^L SURYLGHGL DL CHWHL^L FRQI^L
\$MODOQWLFL 5LFKILHOG^L WR^L SURFHG^L ZLWK^L /\$6^L DFALYIWLHV^L L
x^L 2Q^L \$SULO^L ± ☀ L ± !! ¶ → ☀ L \$MODOQWLFL 5LFKILHOG^L ZDVL QRALIHLGL TURPL WKH^L /5:48%^L WKDW^L
RYHUIORZ^L ULVHUL SLSH^L DWHEPO^L LQ^L +'6^L 3RQG^L + L KDG^L VHSUDWHL D^L IHZ^L LQFHV^L EHORZ^L WKH^L
DL UHMXOW^L ZDWHU^L ZDVL GLVFKDULQJ^L WKURXJK^L WKH^L RYHUIORZ^L SLSH^L WR^L /HYLDWKDQ^L &UHN^L L L 7
LPH^L SXVKLQJ^L DJDLQW^L WKH^L ULVHUL SLSH^L DWHEPO^L ▲ L L 2Q^L \$SULO^L → ☀ L ± !! ¶ → ☀ L WKH^L RYHUIORZ^L
UH VHW^L LQWR^L WKH^L ORZHUL SLSH^L UHFHLYHUL DV^L EHWW^L DV^L SRWLECH^L FRQMLGHULQJ^L WKH^L SRRU^L ZDWHU^L
UHMWHLQJ^L WKH^L DWHEPO^L WKH^L GLVFKDULQJ^L UDWH^L GHFUHDHG^L EXW^L IORZ^L ZDVL QRAL^L FRPSCHWH^L L
¶ ¶ ☀ L ± !! ¶ → ☀ L FUHZVL UHWHUHG^L WR^L WKH^L VIWH^L WR^L FRPSCHWH^L PRUH^L SHUPDQHQW^L UHSDLUV^L
DWHEPO^L E\ L LQHJWQJ^L DL QHZ^L WADQG^L SLSH^L LQNR^L WKH^L ORZHUL SLSH^L UHFHLYHUL DQG^L WADELOL]LQ^L
DSSURSLDWH^L IWLQJV^L DQG^L FODPSV^L)ROORZLQJ^L WKHMH^L DGGWLRQDOL UHSDLUV^L ORL^L IORZ^L ZDVL^L
GLVFKDULQJ^L SLSH^L RXWCH^L L 2Q^L \$SULO^L ¶ !! ☀ L ± !! ¶ → ☀ L VDPSCHV^L TURPL 3RQG^L + L DQG^L TURPL W
ZHUH^L FROCHFHG^L IRU^L ODERUDRU^L DODOLVLU^L
x^L 2Q^L \$SULO^L ± + ☀ L ± !! ¶ → ☀ L \$MODOQWLFL 5LFKILHOG^L EHJDQ^L VIWH^L VHW^L DFALYIWLHV^L LQ^L WKH^L 3R
SRUWLRQ^L RI^L WKH^L ± !! ¶ → L /\$6^L RSHUDALRQ^L 6LWH^L VHW^L DFALYIWLHV^L ZHUH^L SHURGLFDQ^L G
LQFOHPHQW^L ZDWHU^L 6LWH^L VHW^L DFALYIWLHV^L LQFOXHG^L WKH^L IROORZLQJ^L L L VSULQJ^L FRPPLW^L
'HQVLM^L 6OXGH^L ♂ +'6^L 7UHDAPHQW^L 6\WHP^L LQSHWLRQ^L RI^L &8' L DQG^L '6^L FRQMHWDQH^L
LQWDOOOLQJ^L SODQWL PRARUV^L DQG^L JHDUE[HM^L PDLQWHDQFH^L DQG^L WDUWSL RI^L VIWH^L JHQHUDWRU^L
FRPPXQLFDALRQV^L HTXLSPHQW^L FRPPLWLRQH^L RI^L IWH^L DQG^L VHFXULM^L VIWH^L DQG^L IUHK^L ZDWHU^L
x^L :DWHL^L VDPSCHV^L TURPL IRXUL ORFDALRQV^L DORQJ^L 3RQG^L + L ZHUH^L FROCHFHG^L RQ^L \$SULO^L ± ↑ ☀ L ± !!
PRQUDWHL]DALRQ^L 7KH^L DQDOWLFDO^L UHMXOW^L TURPL WKH^L \$SULO^L ± ↑ ☀ L ± !! ¶ → L VDPSOLQJ^L HYH^L
VXEVHTXHQW^L PRQKO^L UHSRUW^L
x^L 2Q^L \$SULO^L ± ☀ L ± !! ¶ → L \$MODOQWLFL 5LFKILHOG^L SURYLGHGL DQ^L XSGDWHL RQ^L VIWH^L DFALYIWLHV^L D
VFKHGCH^L IRU^L XSFRPLQJ^L WDMMV^L DW^L WKH^L +'6^L 7UHDAPHQW^L 6\WHP^L L
x^L \$L VXPPDU^L RI^L WKH^L +'6^L 7UHDAPHQW^L 6\WHP^L RSHUDALRQDOL GDWL^L IRU^L \$SULO^L ± !! ¶ → L LV^L SUHM^L

/VQGD^L 'HMPKOPEDXOW^L ± L 8[◀] 6[◀] L (3\$^L 5HJLRQL L
OD\ L ☀ L ± !! ¶ → L
3DJH^L T L RI L ↑ L

6LWH^L ZLGH^L

x^L :RUN^L FRQWLQXHG^L RQL XSGDWLQJ^L WKH^L /HYLDWKDQL OLQH^L 3URMHWL 'DADEDMH^L ZLW^L GDWD^L TURPL \$WODQ^L
DQG^L YDULRXV^L DJHQFLHM[◀] L

x^L \$WODQWLFL 5LFK1LHOG^L UHFHLYHG^L DSSURYDO^L RI L WKH^L ± !! ¶ → L \$QQXDO^L 5RDGL 2SHUDWLQJ^L 300Q^L TURP^L
'HSDDJPHQW^L RI L \$JULFXOWXUH[◀] L)RUHWL 6HUYLFH^L ♂ 86'\$^L)6□ L RQL \$SULO^L → ☀ L ± !! ¶ → ▲ L

x^L 2Q^L \$SULO^L ← ☀ L ± !! ¶ → ☀ L \$WODQWLFL 5LFK1LHOG^L VXEPLWVHG^L WKH^L ± !! ¶ ↑ L \$QQXDO^L &RPSCHWLRQ^L

x^L :DWKH^L TXDOLW^L VDPSOHW^L TURPL ZLWKLQ^L 3RQG^L + L DQG^L TURPL WKH^L GLVFKDWH^L SLSH^L ZHUH^L FROOH^L
± !! ¶ → L DQG^L \$SULO^L ¶ !! ☀ L ± !! ¶ → L IRUL ZDWHUL FKDUDFWHUL]DWLRQ[◀] L 7KH^L DODOWLFDO^L UHMX^L
\$SULO^L ¶ !! ☀ L ± !! ¶ → L VDPSOLQJ^L HYHQW^L DUH^L SUHMHQW^L LQ^L 7DEOH^L T ▲ L

x^L 2Q^L \$SULO^L ¶ ± ☀ L ± !! ¶ → L \$WODQWLFL 5LFK1LHOG^L SURYLGHG^L 8[◀] 6[◀] L (3\$^L DL ZHND^L UHSRUW^L IRU^L
3RQG^L + L QHDL WKH^L +'6^L 7UHDWPHQW^L 6\WHP^L DQG^L DFALYLVWHL^L FROGXFWHG^L DW WKH^L \$8%^L 7UHDWPHQW^L

R^L 2Q^L \$SULO^L ¶ ↑ ☀ L ± !! ¶ → ☀ L \$WODQWLFL 5LFK1LHOG^L SURYLGHG^L DGGWLRQDO^L DODOWLFDO^L
WR WKH^L \$SULO^L ¶ ± ☀ L ± !! ¶ → L VXPDU[◀] L

R^L 2Q^L \$SULO^L ¶ ← ☀ L ± !! ¶ → ☀ L \$WODQWLFL 5LFK1LHOG^L WZLPH^L SURYLGHG^L DL UHVLVHG^L X
UHSRUW^L LQFOXGLQJ^L DGGWLRQDO^L LQIRUPDWLRQ^L UHTXHVW^L E\ L WKH^L 8[◀] 6[◀] L (3\$^L ▲ L

x^L 2Q^L \$SULO^L ¶ ← ☀ L ± !! ¶ → ☀ L DL FRQIHJHQFH^L FDQO^L ZDV^L FROGXFWHG^L ZLW^L WKH^L 8[◀] 6[◀] L (3\$^L WR^L
XSGDW[◀] L

x^L 2Q^L \$SULO^L ¶ ± ☀ L ± !! ¶ → ☀ L \$WODQWLFL 5LFK1LHOG^L SURYLGHG^L DQ^L HFDLO^L XSGDW^L RI L LWHPV^L DGG^L
± !! ¶ → L ZHND^L VXPDU^L WR^L 8[◀] 6[◀] L (3\$^L ▲ L

x^L 2Q^L \$SULO^L ± → ☀ L ± !! ¶ → ☀ L \$WODQWLFL 5LFK1LHOG^L SURYLGHG^L DQ^L HFDLO^L WR^L LQIRUP^L 8[◀] 6[◀] L (3\$^L
DW WKH^L /HYLDWKDQL OLQH^L 6LWH^L WKDW^L KDYH^L WKH^L SRWQQLDO^L WR^L DI IHW^L \$WODQWLFL 5LFK1LHOG^L S
DFALYLVWHL XQGHU^L WKH^L \$GPLQLWUDALYH^L 6HWDWPHQW^L \$JUHHPHQW^L DQG^L 2UGHU^L RQL &RQMHQW[◀] L &(5&/
1R[◀] L ± !! !! ← + + ♂ E\ L ♂ WKH^L | \$2&| ☀ □ L DQG^L WKH^L \$GPLQLWUDALYH^L 2UGHU^L IRU^L 5,↑)6Q^L
♂ WKH^L | 8\$2| LHDG[◀] SHMRQQHD^L REVHJW^L PRYHPHQW^L DQG^L VAXIDPH^L FUDNLQJ^L RQL WKH^L VORSH^L
VOLJKW^L VRXVKHDW^L RI L 3RQG^L + L DFURW^L WKH^L PDLQ^L DFRHW^L URDG[◀] L L 3HUVRQQHD^L KDYH^L
DYRLG^L DUHDV^L WKDW^L FRXOG^L EH^L LPSDFW^L E\ L WKH^L VORSH^L LQWADELOLW[◀] L EXW^L VSULQJ^L FR^L
RQL WKH^L +'6^L 7UHDWPHQW^L 6\WHP^L ZDV^L QRW^L VLJQL KLFQDNO^L DI IHW^L

\$&7,9,7,(6^L)25^L 83&20,1*^L 0217+^L

\$VSHQ^L 6HHS^L

x^L &RQWLQXH^L RSHUDWLQJ^L RI L WKH^L \$8%^L 7UHDWPHQW^L 6\WHP^L LQ^L UHFLUFXODWLQ^L PRGH^L DQG^L EHJLQL SU^L
URWLQH^L RQWLW^L DFALYLVWHL GAXLQJ^L WKH^L VSULQJ^L SRWLRQ^L RI L WKH^L /\$6^L LQFOXGLQJ^L PRQWRLQJ^L
DV^L RXWOLQHG^L LQ^L WKH^L DPHQGHG^L 5\$:3[◀] L

x^L 5HFLHYH^L 1D2+^L GHOLYHU[◀] L

x^L &RQGXFW^L %LRFHOO^L IOXWLQJ^L DQG^L PRGLI LFDWLQJ^L RI L WWDQGSLSH[◀] L

x^L 7URXEOHMKRRW^L LQHJW^L SDUDPHWHU^L DQG^L 6XQQ^L :HE^L %R[[◀] L

x^L 5HSODFH^L *HQHUDWU^L ± L HQJLQH[◀] L

x^L %HJLQL UHSODFLQJ^L SURSDQH^L WDQN^L SUHAXUH^L UHODMH^L YDOYHV^L ♂ 359V[◀] L

/VQGD^L 'HMFKDPEDXOW^L ±^L 8⁴ 6⁴ L (3\$^L 5HJLRQL L
OD\ L ☀ L ± !! ♪ → L
3DJH^L + L RI^L ↑ L

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&8' L DQGL '6

x^L 6HAKS^L RI^L LFH^L WUDLOHW[◀] L L

x^L &RPSCHWHL FRPPLWLRQLQ^L RI^L +'6^L 7UHDWPHQW^L 6\WHP[◀] L L

x^L &RPSCHWHL WKHL LQWDOODALRQL RI^L WUDLOHW^L WHOL SLSLQJ^L PRGLI LFDALRQL DW^L WKHL &8' ☀ L '6
FROOHFLRQL WDQN[◀] L

x^L, QWDOO^L VHFRQGDU\ L OHYHOL VZLWFK^L DW^L DOOL FRQHNDQFH^L WUDLRQ[◀] L

x^L, QWDOO^L '6^L WUDQVTHU^L VHFRQGDU\ L FRQWDLQPHQW^L OHYHOL VZLWFK[◀] L

x^L 5HSODFH^L JHQHUDWRUL HQJLQH^L VHDO[◀] L

x^L %HJLQL RSHUDALRQL RI^L WKHL +'6^L 7UHDWPHQW^L 6\WHP^L EV^L WUDALQJ^L DFFXPXODHG^L ZDWHUL LQ^L 3RQG^L
+'6^L 7UHDWPHQW^L 6\WHP[◀] L L

x^L %HJLQL FDSWULQJ^L DQG^L WUDALQJ^L IORZ^L IURP^L WKHL &8' L DQGL '6^L XVLQJ^L WKHL +'6^L 7UHDWPHQW^L 6\WHP[◀] L

x^L &RQWLQH^L URWLQH^L 2 0^L RI^L WKHL +'6^L 7UHDWPHQW^L 6\WHP^L DV^L RXWOLQHG^L LQ^L WKHL 5\$:3[◀] L
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6WPH ZLGH

x^L &RQWLQH^L WR^L SURYLGH^L SURMHW^L SURJUHW^L XSGDWHV^L WR^L WKHL 8⁴ 6⁴ L (3\$^L YLD^L FRQIHUHQFH^L
FRQIHUHQFH^L FDOL^L LV^L FXUHQW^L VFKHGXHG^L IRUL OD\ L ♪ ↑ ☀ L ± !! ♪ → ◀ L

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, I^L \RX^L KDMH^L DQ^L TXHWDLRQ^L RU^L FRPHQW[◀] L SOHDVH^L THO^L IUH^L WR^L FRQDFW^L PH^L DW^L ♂ ↑ → □
SOKRQ[◀] %URZQHES[◀] FRP[◀] L

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6LQFHJD\ ☀ L

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7RQ\ L %URZQ^L

3URMHW^L ODQDJHU^L

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7DEOH^L ♪ L ± L \$VSHQ^L GHIS^L %LRUHDFWRUL 7UHDWPHQW^L 6\WHP^L ± L &RPSOLDQFH^L 6DPSCH^L 5HMXOW^L L

7DEOH^L ± L ± L \$VSHQ^L GHIS^L %LRUHDFWRUL 7UHDWPHQW^L 6\WHP^L ± L 5HFHQW^L)ORZ[◀] L S+[◀] L DQGL 253^L)

7DEOH^L T L ± L +LJK^L 'HQMLW^L 6OXGUH^L 7UHDWPHQW^L 3DQW^L ± L 3RQG^L + L &KOLDFWHL]DALRQL 5HMXOW^L

7DEOH^L + L ± L +LJK^L 'HQMLW^L 6OXGUH^L 7UHDWPHQW^L 3DQW^L ± L 2SHUDALRQDOL 'DWD^L 6XPPDU\ L

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FF L L L 'RXJODV^L &DUH\ ☀ L /DKRQNDQ^L 5HJLRQDOL :DWHL 4XDLW^L &RQWROL %RDUG^L

5RQDOG^L +DOWH\ ☀ L \$WODQNLFL 5LFKILHOG^L &RPSDQ\ L

1DWKDQ^L %ORFN[◀] L %3 L L

-DRN^L ODUMHULVRQ[◀] L \$WODQNLFL 5LFKILHOG^L &RPSDQ\ L

5HJLQDOG^L ,ODR[◀] L \$WODQNLFL 5LFKILHOG^L &RPSDQ\ L

/ \QGD^L 'HMPKOPEDXOW^L ±^L 8◀ 6◀^L (3\$^L 5HJLRQL^L L
OD\^L ☀^L ±^L !! ↗^L
3DJH^L ↑^L RI^L ↑^L

\$GDP^L &RKHQ^L (VT◀ ☀^L 'DYLVL *UDKDP^L L 6AEEV^L //3^L
'DYH^L OF&DUWK\^L ☀^L &RSSHU^L (QYLURQPHQWDO^L &RQVXOWLQJ^L
ODUF^L /RPEDUGL^L \$PHF^L)RWHU^L :KHICHL^L (QYLURQPHQW^L L ,QIUDWALUXFWLHQ^L ,QF◀^L
6DQG\^L 5LHM^L (Q6FL^L ,QF◀^L

7\$%/(L ¶
 \$63(1 L 6((3 L %,25(\$&725 L 75(\$70(17 L 6<67(0 L + L &203/, \$1&(L 6\$03/(L 5(68/76
 \$35, / L + ! ¶ → L 0217+/
 'UDW L + L 3URYLVLRQDOL 'DWD

3DUDPHWHU	%DMLV	\$SULO L ¶ !! ¶ L + L ! \$SULO L ¶ !! ¶ L + L \$6% L , QIOXHQW \$6% L (IIOXHQW ♂ PJ↓ /□ ♂ PJ↓ /□	!0D[LPXP L 'LVFKOUJHL &ULWULD ♂ PJ↓ /□	\$YHJDJH L 'LVFKOUJHL &ULWULD ♂ PJ↓ /□
S+ L ♂ V X L □	)LHOG	L ◀ ← +	+ ◀ T	+ +
\$OPLQXP	'LWROMH	↑ T	!! ▲ ¶ T	L ▲
\$UMHQU	'LWROMH	!! ◀ !! ! L	L !! ◀ !! ¶ K	!! ◀
&DGPLXP	'LWROMH	!! ◀ !! ! L +	L !! ◀ !! !!! ¶ K!!!	!! ◀ !!
&DOFLXF	'LWROMH	T + !!	L + !!	+ +
&KCRULG	7RNDX	± ◀ ↑ L -	L - +	+ +
&KURPLXP	'LWROMH	!! ◀ !! ¶ ↑	!! ◀ !!	L ↑ !! ◀
&RSSHU	'LWROMH	¶ ◀ +	!! ◀ !! !!	!! ◀
+DUGGHM	'LWROMH	¶ + !! !!	← !!	+ +
,UR	'LWROMH	¶	← ◀ +	¶ +
/HDC	'LWROMH	L !! ◀ !! !! ¶ !!	L !! ◀ !! ¶ !!	!! ◀ !!
0DJCHMLXP	'LWROMH	→ T	↑ ←	+ +
3KRVSKRUX	'LWROMH	!! ◀ + !!	!! ◀	!!
1LFNH	'LWROMH	!! ◀ + ↑	!! ◀ ¶	!! ◀ !!
6CHQLXF	7RNDX	!! ◀ !! ¶ +	!! ◀ !!	↑ ¶ 13
6XOIDV	7RNDX	¶ + !! !!	¶ T !! !!	+ +
=LQF	'LWROMH	!! ◀ + +	!! ◀ !!	!! ◀ !!
\$FLGLA	7RNDX	↑ + !!	L + ◀	+ +
\$ONDOLQWM L ♂ %LFDE	7RNDX	L + ◀ ←	+	+ +
\$ONDOLQWM L ♂ &DUE	7RNDX	L + ◀ +	L +	+ +
\$ONDOLQWM L ♂ +\GLF	7RNDX	L ¶ + +	L ¶ + +	+ +
\$ONDOLQWM L ♂ '	7RNDX	L + ◀ !!	→ →	+ +
7RNDOL 'LWROYHGL (	7RNDX	L + !! !!	L + !! !!	+ +
7RNDOL 6XVSHQHG L 6RDLGV	7RNDX	¶ !!	¶ !!	+

1RWAV

\$+ L YDOXH L DUH L 1LHOG L PHDXULPH C
 DUH L UHSRUWGL LQ L WDGQDUG L XQLWV
 + 'LVFKOUJHL FULWULD L DQGL EDMLV L
 PD[LPXP L DQGL DYHJDJH L YDOXH L DUH
 LQ L WKH L 5HTXHW L IRU L \$SSURYDOL RI
 ORGL L FDWLRQ L WR L WKH L 5HPRYDOL \$FV
 WKH L /HYLDWKDQ L OLQH L OHPRUDQGP L
 (3\$ L + ! ! ← □ ◀

SEEUHYLDWLROQ
 L + &RQWMMWQWL WKO W ZHU L CRW L CHWRFWHL L DUH L CLWHLG L DV L | | L DQGL WKH L
 VKRZQ
 + 'LVFKOUJHL FULWULD L QW L HVADEOLVKHGL RU L YDOXH L CRW L PHDXULHG
 PD[LPXP L DQGL DYHJDJH L YDOXH L DUH L DQGL HVALEDWHL YDOXH L RU L ZHU L CHW L WKO
 CLPLW L EXW JU DWU L WKO L RU L HTXDO L WR L WKH L PHWKG L CHWRFWHLQ L CLPLW
 PJ↓ /□ + PLOLJUDPV L SHU L CLWHL
 13 L + 1RW 3URPXQDWHL
 V X L + WDGQDUG L XQLW

78% (上)

\$63(1^L 6((3^L %25(\$7725^L 75(\$70(17^L 6<67(0^L +^L 5(&(17^L)/2:^L S^L \$^L \$1^L 253^L),(/^L 0(\$685(0(176

\$35, / L ± !! ¶ → L 0217+/< L 6800\$5<

'UDW^L + L 3URYLVRQDO^L 'DWD

3DJH L + L RI L →

ED 001709 00001627-00010

7\$% (L)

$\$63(1^L 6((3^L \% .25 (\$725^L 75(\$70(17^L 6<67(0^L +^L 5(&(17^L)/2;^L S+^L \$1^L 253^L).(/^L 0(\$685(0(176$)

\$35. / \pm !! \rightarrow 0217+/ \pm 6800\$5<

$${}^{\text{H}}\text{UDW}^{\text{L}} + {}^{\text{L}}\text{3URYLVRQDO}^{\text{L}} \rightarrow {}^{\text{H}}\text{DWD}$$

1B/AH

SYNTHETIC POLY(AMINO ACID) ANALOGUE AS A Cytostatic Agent

✓ BZL S+ PHDM HPHW GKH WR SRZH L RWDH JH DSG DMWBL DMHG EFKP FEDL SPSL CRZOM PH GKL OI WHK WHM WHI IDP

T /RZ L S+L PHDM1 HHDW GXH-WR GEFHMD1 TQL VAWHPL LORZL DWHV FKH-PI EEDL GRV QIETL DWHV LQDWHV CDLJHS FGK1 CG WKMHH FGK1 CG WKMHH

XODECH WR SLHM-DW GHFLDHM LQ VWHPL S+ VVWV TSE CWWV TINTERF CWWV CWWV CWWV EKED VR M

1) L-HOG P-FDPM-L-H-P-OW-L DW-L-LOW-L-H-P-G-L-DW-L EL-R-L-H-D-FW-R-U-L P-DQK-KR-O-V-L-Z-H-L-L-Q-R-W-L F-R-Q-C-H-W-G-L-Z-H-Q-L-U-H-F-L-U-X-C-O-W-L-R-Q-L-R-S-H-D-W-L-R-O-V-L

LQWHLJXSWHG L GKH WR L VOXGJH L GHZDWLULQJ L RSHLDWLRQV L ELRPHO L IOVKLQJ L RU L RAKHJU L PDLOWHODGFH L DRWLYWLHV L

1253 L PHDXUH P QW L P D L B H L QDFFXUDW L GXH L W R L SUREH L FDOLEUDW R Q L LWXXH ▲

F H R Z L S + L P H D V X U H P H Q W L G X H L W R L D L S R Z H U L R X A D J H L D G G L D W R F L D W H G L F K H P L F D O L S X P S L V K X A G R Z Q K

- (110XQW- SDQDPWHUJL ZHLH L FROCHWAG L DW WKH VOXGJH L GHZDWHULQJ L LQWLQH L GLVFKDWH L

- +LJK^L 253^L PHDXLPHQW^L LQ^L FDQKRCHV^L GH^L WR^L UHFLUXCDWLQR^L V\W\W\PL GRZQNLPH\

(110X-QW- RQD\ SCDQPH-WHUV\ ZHJH\ FROCHRWG\ GXULQJ\ HI\ 10X-QW- CDXQGHU\ VFUHQ\ UHSDLUV\

QIOXHQW-RQD SDUDPHWUV ZH-UH FROORWKG GXULQJ \$VSHQ VRQGVL PDQDJH-PHQW

QIOXHQW S+ PHDXLHG LQ WKH LHOG ZDV ORZL ,QIOXHQW S+ PHDXLHG E\ WKH CDERLDWLRQ ZDV \L V\ X\

LQI OX-HQWL DOG L HI TOX-HQWL GH WR L WLPH L FRQWLDLQW ▀

$\vdash \bot \dashv \cdots \vdash \bot \dashv \cdots$

~~SEE U HYD WLRV~~

GRW-FHD/XUHGQ GRW-UHFRUGHQ RU L ELRU-DPWRU RSHLDWLQR GLG

QRW KDYH ICRZ DW JLYHQ

JSP + JDOORQV SHU PLQWH

- P9^L + P10OLYROW
256 | P11 GRADPS↑ L1 EVALEPS

253 + R[LGWLRLQ] UHGXRWLRQ SRWHQLDQ

3DJH \hookrightarrow RI \hookrightarrow

7\$%/(L T
 +,*+L '(16,7< L 6/8'* (L 75(\$70(17 L 3/\$17 L
 321' L + L 6\$03/,1* L 5(68/76
 \$35,/ L + !! ¶ → L 0217+/< L 6800\$5<
 'UDW- + L 3URYLVRQDO L 'WDW

3DUDPHWHU	%DVLV	\$SULO L → Ø L L T → +'63| + +'6 L 3RQG L + ♂ PJ↑ /□	!! \$\$ULO L → Ø L L T → +'62| + +'6 L 3RQG L + L ♂ PJ↑ /□	!!! SULO ¶ !! Ø L L T ← +'63| → '3 +'6 L 3RQG L + ♂ PJ↑ /□	!! \$SULO ¶ !! Ø L L T ← +'62| → !! +'6 L 3RQG L + L ♂ PJ↑ /□	OD[L PXP L ¶'LVFKDWHH 3ULWHULD ♂ PJ↑ /□	\$YHUDJH L 'LVFKDWHH &ULWHULD ♂ PJ↑ /□
S+L ♂ V◀ X◀ □	)HOG	±	¶ T		T ◀ + !!	T ◀ ¶ T	+ T ◀ !!
\$OXPLOXP	'LWROYH	±		±	± ..	± ▲	± ▲
\$UMHQLI	'LWROYH	!! ◀ !! !!		!! ◀ !!	!! ◀ !!	!! ◀ !!	!! ◀ !!
&DGPLXP	'LWROYH	!! ◀ !!		!! ◀ !!	!! ◀ !!	!! ◀ !	!! ◀ !
&DOFLXF	'LWROYH	¶ ±		¶ ±	¶ →	±	±
&KORULG	7RNDX	!! ◀		¶ ▲	± ▲	±	±
&KURPLXP	'LWROYH	!! ◀ !!		!! ◀ !!	!! ◀ !!	!! ◀ !!	!! ◀ !!
&RSSHL	'LWROYH	!! ◀		!! ◀	!! ◀	!! ◀	!! ◀
+DUGQHM	'LWROYH	± T		± ±	↑	±	±
,UR	'LWROYH	± ▲		± ▲	↑ ▲	± ▲	¶ ▲
/HDC	'LWROYH	!! ◀ !!		!! ◀ !!	!! ◀ !!	!! ◀ ¶	!! ◀ !!
0DJQHMLXP	'LWROYH	T ±		T ±	± ..	±	±
1LFNH	'LWROYH	!! ◀		!! ◀	!! ◀	!! ◀	!! ◀ !!
6HQHQLXF	7RNDX	!! ◀ !!	!! ◀ !!	!! ◀ !!	!! ◀ !!	13	!! ◀ !!
6XOIDV	7RNDX	± ±		↑ ←	!!	±	±
=LOF	'LWROYH	!! ◀		!! ◀	!! ◀	!! ◀	!! ◀
\$FLGLA	7RNDX	¶ ↑		¶ ±	T !!	±	±
\$ONDOLQLWM L ♂ %LFDUEQDWHM	7RNDX	+		+	+	+	+
\$ONDOLQLWM L ♂ &DUE	7RNDX	±		±	±	±	±
\$ONDOLQLWM L ♂ +\GJF	7RNDX	¶		¶	¶	±	±
\$ONDOLQLWM L ♂ .	7RNDX	±		±	±	±	±
7RNDOL L 'LWROYHGL I	7RNDX	!!		← ±	¶ T	±	±
7RNDOL L 6XVSHQHG L 6RQGV	7RNDX	± !!			¶ !!	¶ !!	+

1RHWV
 ¶ ◀ L L 3RQG L + L VDPSCHV L ZHHL FROCHFWGL ↑ L IHHW CRWKZHWL RI L RYHJICRZL SLSH L DSSUR[LPDWHD] L | L LOFKHM/XQGHU L WKH L ZDWHU L VAUIDH

\$EEUHYLDWLQV

'3 L + 'LVFKDWHH L 3LSH
 L + &RQWVWHDWHW L WKDW L ZHHL CRWL CHWFWGL DUH L OLWHL DV L | | L DQGLWKHL UHSRUWQJ L OLPLW L VLRZQ
 L + SHXOWL CRWGL ZLWK L | - | L DUH L DQ L HVALPDWGL YDOXH L RU L ZHHL CHWL WKDQ L WKHL UHSRUWQJ L OLPLW EXW JUHDWHL WKDQ L RU L HTXDO L VR L WKH L PHWKRG L
 OLPLW
 PJ↑ / L + PLOOLJDPV L SHU L QWHU

TABLE 4
HIGH DENSITY SLUDGE TREATMENT PLANT - OPERATIONAL DATA SUMMARY
APRIL 2017 MONTHLY SUMMARY
Draft - Provisional Data

Reporting Period	Treated Water Discharged (gallons)	Lime Consumed (kilograms)	Diesel Fuel Consumed (gallons)	Flocculant Consumed (kilograms)	Sludge Wasted (gallons)	Freshwater Consumed (gallons)
April 1 - April 30, 2017	0	0	686	0	0	0